

11/10/2006

PTO/SB/08A/B (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/802,540-Conf. #4023
				Filing Date	March 16, 2004
				First Named Inventor	Pepinsky, Blake R.
				Art Unit	1647
				Examiner Name	Hamud, F.M.
Sheet	1	of	1	Attorney Docket Number	BII-00802

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
/FH/	CA	Jacobs, et al., "Intramuscular Interferon Beta-1a for Disease Progression in Relapsing Multiple Sclerosis" Annals of Neurology 39 (3): 285-294 (1996)		
/FH/	CB	Nightingale, S.L., "New Multiple Sclerosis Product Licensed" JAMA 270 (14): 1672 (1993)		
/FH/	CC	Katre, N.V., "The Conjugation of Proteins With Polyethylene Glycol and Other Polymers" Advance Drug Delivery Reviews, (10): 91-114 (1993)		
/FH/	CD	Partial European Search Report dated July 26, 2006		

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Fozia Hamud/	Date Considered	05/02/2007
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PTO/SB/08a/b (07-06)

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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>		
				Application Number	10/802,540-Conf. #4023	
Sheet		1	of	1	Attorney Docket Number	BII-008.02
					Filing Date	March 16, 2004
					First Named Inventor	B. Pepinsky
					Art Unit	1647
					Examiner Name	Not Yet Assigned

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/FH/	AA*	US-4,002,531	01-11-1977	Royer	
	AB*	US-5,476,653	12-19-1995	Pitt et al.	
	AC*	US-5,747,639	05-05-1998	Seely	
	AD*	US-5,856,451	01-05-1999	Olsen et al.	
	AE*	US-6,048,529	04-11-2000	Atassi et al.	
	AF*	US-6,638,500	10-28-2003	El-Tayar et al.	
	AG*	US-20040102381-A1	05-27-2004	Ekwuribe et al.	
	AH*	US-20040043002-A1	03-04-2004	El-Tayar et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/FH/	BA	WO-97/04796	02-13-1997		
	BB	WO-00/09073	02-24-2000		
	BC	WO-01/15736	03-08-2001		
	BD	EP-1264837	12-11-2002		
	BE	EP-1564219	08-17-2005		

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT


**(Use as many sheets as necessary)**

Sheet	1	of	2
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**Complete if Known**

<b>Application Number</b>	10/802,540
<b>Filing Date</b>	March 16, 2004
<b>First Named Inventor</b>	Pepinsky et al.
<b>Art Unit</b>	1646
<b>Examiner Name</b>	Not yet known
<b>Attorney Docket Number</b>	BII-008.02

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
FH/	AY	US- 4,414,147	11/08/83	Klibanov et al.	
	AZ	US- 4,766,106	08/23/88	Katre et al.	
	A1	US- 5,545,723	08/13/96	Goelz et al.	
	A2	US- 5,643,575	07/01/97	Martinez et al.	
	A3	US- 5,872,662	09/30/97	Harris et al.	
-					

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
/FH/	BO	EP 0 098 110	10/18/89	Europe		
↓	BP	EP 0 401 384	03/13/98	Europe		
	BQ	EP 0 822 199	02/04/98	Europe		
	BR	WO 94/05332	03/17/94	PCT		
	BS	WO 95/21629	08/17/95	PCT		
	BT	WO 98/32466	07/30/98	PCT		
	BU	WO 99/03887	01/28/99	PCT		

Examiner  
Signature

/Fozia Hamud/

Date Considered

05/02/2007

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/802,540
Filing Date	March 16, 2004
First Named Inventor	Pepinsky et al.
Art Unit	1646
Examiner Name	Not yet known
Attorney Docket Number	BII-008.02

Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/FH/	C1	Delgado et al., "The Uses and Properties of PEG-Linked Proteins," Critical Reviews in Therapeutic Drug Carrier Systems, 9(3,4):249-304 (1992)	
/FH/	C2	Goodson et al., "Site-Directed Pegylation of Recombinant Interleukin-2 at its Glycosylation Site," Biotechnology, 8:343-346 (1990)	
/FH/	C3	Harris et al., "New Polyethylene Glycols for Biomedical Applications," American Chemical Society, Ch. 27, pp. 418-429 (1991)	
/FH/	C4	Morpurgo et al., "Preparation and Characterization of Poly(ethylene glycol) Vinyl Sulfone," Bioconjugate Chem., 7:363-368 (1996)	
/FH/	C5	Zalipsky et al., "Use of Funtionalized Poly(Ethylene Glycol)s for Modification of Polypeptides," Poly(Ethylene Glycol) Chemistry: Biotechnical and Biomedical Applications, Ch. 21:347-367 (1992)	

Examiner  
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Date  
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Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
*(Use several sheets if necessary)*
Docket Number (Optional)  
B11-008.02Application Number  
10/802,540Applicant  
Pepinsky et al.Filing Date  
March 16, 2004

Group Art Unit

1647

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/FH/	AA	5,965,119	10/12/99	Greenwald, et al.		12/30/97
	AB	5,874,075	02/23/99	Collins, et al.		03/31/95
	AC	5,792,834	08/11/98	Hakimi, et al.		06/01/95
	AD	5,738,846	11/21/95	Greenwald, et al.		04/14/98
	AE	5,711,944	01/27/98	Gilbert et al.		11/10/94
	AF	5,702,717	10/25/95	Cha, et al.		12/30/97
	AG	5,681,811	10/28/97	Martinez, et al.		10/27/93
	AH	5,529,915	012/12/95	Phillips, et al.		06/25/96
	AI	5,382,657	08/26/92	Karasiewicz, et al.		01/17/95
	AJ	5,359,030	05/10/93	Ekwuribe		10/25/94
	AK	5,286,637	0-2/15/94	Veronese et al.		01/07/93
	AL	5,281,698	07/23/91	Nitecki		01/25/94
	AM	5,109,120	04/28/92	Ueno, et al.		06/09/89
	AN	4,917,888	04/17/90	Katre, et al.		12/11/87
	AO	4,894,226	01/16/90	Aldwin, et al.		01/14/86
	AP	4,751,077	06/14/88	Bell, et al.		11/30/84
	AQ	4,179,337	12/18/79	Davis, et al.		07/28/77
	AR	5,252,714	10/12/93	Harris, et al.		11/28/90
	AS	5,824,784	10/20/98	Kinstler, et al.		10/12/94
	AT	5,985,265	11/16/99	Kinstler, et al.		06/20/97
	AU	5,990,237	11/23/99	Bentley, et al.		05/20/98
	AV	6,180,095	01/30/01	Greenwald, et al.		10/30/98
	AW	2001/0011115	06/02/01	Harris, et al.		03/11/99
	AX	5,116,964	05/26/92	Capon, et al.		11/22/89

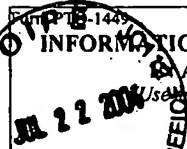
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	<b>INFORMATION DISCLOSURE CITATION</b>		Docket Number (Optional) B11-008.02	Application Number 10/802,540
	<b>AN APPLICATION</b>		Applicant Pepinsky et al.	
			Filing Date March 16, 2004	Group Art Unit

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
/FH/	BA	WO 99/55377	11/04/99	PCT			
	BB	WO 96/11953	04/25/96	PCT			
	BC	WO 87/00056	01/15/87	PCT			
	BD	EP 0 229 108	12/27/90	Euro. Pat. Off.			
	BE	EP 0 154 316	09/13/89	Euro. Pat. Off.			
	BF	WO 97/18832	11/21/95	PCT			
	BG	WO 98/48840	11/05/98	PCT			
	BH	WO 99/32134	12/19/97	PCT			
	BI	WO 99/32139	07/01/99	PCT			
	BJ	WO 99/32140	07/01/99	PCT			
	BK	WO 01/46291	06/28/01	PCT			
	BL	WO 87/00056	01/15/87	PCT			
	BM	WO 95/13090	05/18/95	PCT			
↓	BN	WO 99/55377	11/04/99	PCT			

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages Etc.)

/FH/	CA	GenBank Accession Number: E00029 (September 29, 1997)
/FH/	CB	Karpusas et al. (1997). Proc Natl. Acad. Sci. USA 94: 11813-11818
/FH/	CC	Runkel et al. (1998). Pharm. Res. 15: 641-649
/FH/	CD	International Search Report for PCT/US99/24201 mailed July 7, 2000

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